



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : 10/659,399 Confirmation No. 3761
Applicant : Hiromitsu TAKAHASHI et al.
Filed : September 11, 2003
TC/A.U. : 2872
Examiner : Unknown
Dkt. No. : IPE-023
Cust. No. : 20374

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 9, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

Documents UA to UD are in the English language. Therefore, no concise explanation of the relevance of the documents is believed to be required under 37 C.F.R. §1.98.

Please note that Documents UA to UC were cited in the International Search Report of the parent application, PCT/JP02/02381. A copy of the Search Report is submitted herewith.

Furthermore, please note that Document UD is described in the paragraph beginning on page 2, line 10, paragraph [0005], of the specification of the present invention.

Document FA is not in the English language. However, the concise explanation of the relevance of the document required under 37 C.F.R. §1.98 is believed to be satisfied by submission of an English translation of pertinent portions thereof.

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik
Reg. No. 40,428

Atty. Case No. IPE-023
The Farragut Building

U.S. Patent Appln. S.N. 10/659,399
INFORMATION DISCLOSURE STATEMENT

PATENT

Suite 710
900 17th Street, N.W.
Washington, D.C. 20006
Tel: (202) 887-9023
Fax: (202) 887-9093
KTK/jbf
Attachments: PTO-1449
Five Documents
International Search Report



INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. IPE-023	Serial No. 10/659,399
	Applicant: Hiromitsu TAKAHASHI et al.	
	Filing Date: September 11, 2003	Group: 2872

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA	6,297,908 B1	10/02/01	Suga	359	599	
	UB	2001/0030638A1	10/18/01	Kashima	345	102	03/05/98
	UC	6,219,119 B1	04/17/01	Nakai	349	113	
	UD	5,161,041	11/03/92	Abileah et al.	359	40	
	UE						
	UF						
	UG						

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	2002-214411 A	07/31/02	JP	Partial
	FB				
	FC				
	FD				
	FE				
	FF				
	FG				

OTHER DOCUMENTS

Examiner's Initial		
	DA	
	DB	
	DC	

Examiner:	Date Considered:
-----------	------------------

KTK/jbf